



# Volgaburmash

## ROLLER CONE DRILL BIT

**222.3 MTR215 (VU-NLS21TG)**

Diameter ..... 215.9 mm (8 1/2")

IADC ..... 215

Product line ..... Motor

Motor bits are designed for a wide range of drilling applications. Sealed bearings, optimum cutting structure and complex body protection provide excellent performance.

### Specification

Bearing type ..... Roller bearing  
Seal ..... Elastomer radial type  
Number of nozzles\* ..... 3  
Thread, API ..... Pin 4 1/2 Reg  
Gross weight, kg ..... 33.4

### Application

Motor bit is applied for drilling of oil and gas wells in medium formation with water or mud circulation.

### Drilling modes recommended

RPM ..... 300-40  
WOB, t ..... 10-23

### Design features

Side jet circulation  
Extended nozzles  
Shirttail and leg leading edge hardfacing  
Leg protection with TCI  
Enhanced gauge of TC compacts  
Single gauge of TC compacts

**Quality management system is certified to ISO 9001 and API Specification Q1**

\* Standard specification may be changed on customer request

For the purpose of performance improvement, minor changes of the bit design may be introduced without prior customer notification

VOLGABURMASH, JSC  
Groznyanskaya St. 1  
Samara, 443004, Russia

Tel./fax: +7 (846) 300-8000  
e-mail: mail@vbm.ru  
www.vbm.ru